

ABSTRACT OF THE INVENTION

The present invention provides a system, protocol and method for communications over the Internet. The system includes at least one router connectable to a first user or subscriber location. An Internet protocol service processing switch (IPSX) is connected to the at least one router to format or encapsulate the message for secure transmission over the Internet. The message is then preferably transmitted over the Internet via an Internet Protocol Security (IPSec) tunnel for secure transmission to the addressed destination.

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